



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of

George Q. CHEN

Serial No. 09/927,558

Filed: August 10, 2001

: Atty. Docket: 01-LJ-033

: Group Art Unit: 2623

: Confirmation No. 6217

For: *METHOD AND APPARATUS FOR RECOVERING DEPTH  
USING MULTI-PLANE STEREO AND SPATIAL PROPAGATION*

INFORMATION DISCLOSURE STATEMENT

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SIR:

The attached Form PTO-1449 provides a listing of information which may be relevant to the subject application. This IDS is not intended as a representation that better art is not available, nor that other art than that identified exists; nor that the information provided is prior art; nor that a search has been made.

This IDS is submitted under:

- ☐ 37 CFR 1.97(b) - No Fee.  
☐ 37 CFR 1.97(c) - No Fee, with Certification.  
☒ 37 CFR 1.97(c) - Fee.  
☐ 37 CFR 1.97(d) - Fee, Certification & Petition.

The Commissioner is authorized to charge any required fees under 37 CFR 1.17(p) and (i) (1) to Deposit Account No. 50-1556.

Respectfully submitted,

Date:

8/14/2005

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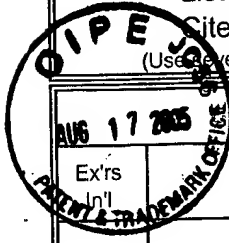
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Form PTO-1449 U.S. Dept. of Commerce Patent & Trademark Office	Atty. Docket: 01-LJ-033 Applicant: George Q. CHEN Filing Date: August 10, 2001	Serial No. 09/927,558 Group: 2623
List of Documents Cited by Applicant (Use several sheets if necessary)		



### U.S. PATENT DOCUMENTS

Ex'r's In'l	Document Number	Date	Name	Class	Sub- class	Filing Date, if applicable

### FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub- class	Trans'l'n Yes/No

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AA1	G.Q. Chen, "Robust Point Feature Matching In Projective Space", Appeared in Proceedings of Computer Vision and Pattern Recognition, 2001, pp. 717-772
AA2	I.J. Cox, "A Maximum Likelihood of N-Camera Stereo Algorithm", IEEE International Conference on Pattern Recognition, 1994, pp. 437-443.
AA3	U.R. Dhond et al., "Structure from Stereo - A Review", IEEE Transaction on Systems, Man, and Cybernetics, Vol. 19, No. 6, 1989, pp. 1489-1510.
AA4	O. Faugeras et al., "Variational Principles, Surface Evolution, PDE's, Level Set Methods and the Stereo Problem", IEEE T. Image Processing, 1999.
AA5	A. Fitzgibbon et al., "Automatic 3D Model Acquisition and Generation of New Images from Video Sequences", 3D Structure from Multiple Images of Large-Scale Environments, LNCS 1506, 1998.
AA6	S.B. Kang et al., "3-D Scene Data Recovery Using Omnidirectional Multibaseline Stereo", Cambridge Research Laboratory, Technical Report Series, October 1995.
AA7	R. Koch et al., "Multi Viewpoint Stereo from Uncalibrated Video Sequences".
AA8	D. Marr et al., "A Computational Theory of Human Stereo Vision", Proceedings of the Royal Society of London, Series B, Biological Sciences, Vol. 204, Issue 1156, May 1979, pp. 301-328.
AA9	M. Pollefeys et al., "Self-Calibration and Metric Reconstruction in Spite of Varying and Unknown Intrinsic Camera Parameters", International Journal of Computer Vision, 1998.
AB1	K. Prazdny, "Detection of Binocular Disparities", 52:93-99 Biological Cybernetics, 1985.
AB2	S. Seitz et al., "Photorealistic Scene Reconstruction by Voxel Coloring", Proceedings of Computer Vision and Pattern Recognition Conference, 1997, pp. 1067-1073.
AB3	Szeliski, "Video Mosaics for Virtual Environments", IEEE Computer Graphics and Applications, Vol. 16, No. 2, 1996, pp. 22-30.
AB4	C.K. Tang et al., "Integrated Surface, Curve and Junction Inference from Sparse 3-D Data Sets", PAMI, 20(11), 1998.
AB5	G.Q. Wei et al., "Intensity-and Gradient-Based Stereo Matching Using Hierarchical Gaussian Basis Functions", IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 20, No. 11, November 1998, pp. 1143-1160.
AB6	O. Faugeras, "Three-Dimensional Computer Vision - A Geometric Viewpoint", MIT Press, Chapter 6, pp. 189-190 and 192-196.

Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.